



B.COM. SEMESTER – 2

4	MDC 2	TECHNICAL COMMUNICATION MANAGEMENT – 2 (E-COMMERCE AND USE OF RDBMS)
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Name of the Course:	Technical Communication Management – 2 (E-Commerce and Use of RDBMS)
Course credit:	04
Teaching Hours:	Theory: 45 (Hours) + Practical: 30 (Hours)
Total marks:	100
Distribution of Marks:	50 Marks semester end theory examination 25 Marks semester end practical examination 25 Marks Internal assessments of theory (Unit:1 to 5)

Objectives:

- To introduce students to the concepts of Relational Database Management Systems (RDBMS).
- To teach students to define fields, data types, and relationships in a table.
- To teach students to use Table, Query and Forms in a relational database.
- To teach students the Concept of Key Constraints and E-Commerce.
- To provide hands-on experience in using a relational database management system.

Learning Outcomes:

- Learn about the concepts of RDBMS and their importance in modern computing.
- Understand the basic concepts of relational database tables and their importance in data management.
- Understand the basic concepts of queries and their importance in data retrieval.
- Understand the basic concepts of forms and their importance in data entry and retrieval.
- To learn the importance of Key Constraints in relational databases.
- Understand the basic concepts of e-commerce and its importance in modern business

PARTICULAR	NO. OF LECTURES
UNIT NO. 1 : DATABASE AND ITS OBJECTS	
<ul style="list-style-type: none"> • Introduction Access Database and its Objects including Table, Query, Form, Reports, Macros and Modules, Page • Creating Database • Working with data including insert, modify and delete records • Navigating Database including records, find and replace • Access data types • Object naming rules 	9
UNIT NO. 2 : TABLES	
<ul style="list-style-type: none"> • Creating tables through wizard and design view, datasheet view • Understanding field properties: field size, input mask, format, indexed, Required, Allow zero length, Validation rule , Validation text, Caption, Default value 	9
UNIT NO. 3 : QUERIES	
Understanding and creating different queries including select, Action (append,	9





delete, update, make-table), using wizard (cross-tab query, find duplicate query), Parameter query, Implementation of calculations and functions in queries		
UNIT NO. 4 : FORMS		
<ul style="list-style-type: none"> Form: Understanding types forms and its properties <ul style="list-style-type: none"> Relationship: Primary keys, foreign key, composite key Defining relationship and setting up the referential integrity (Cascade update and Cascade Delete) Importing Exporting and Linking objects with another application 	9	
UNIT NO. 5 : E-COMMERCE		
<ul style="list-style-type: none"> What is E-Commerce? Types of E-Commerce: Business to Consumer, Business to Business, Consumer to Business, Government to Business M-Commerce 	9	
UNIT NO. 6 : PRACTICAL		
<ul style="list-style-type: none"> Exercise Using Unit 1 To 4. 	30	
Total Lectures/Hours		45+30

Suggested Readings:

1. Access 2000 Bible
2. Mastering Access 2000
3. No Experience Required Access-2000

Note: Learners are advised to use latest edition of books.

Theory Question Paper Style:

UNIVERSITY EXAMINATION		
Sr. No.	Particulars	Marks
1	QUESTION - 1 (From Unit 1) (OR) QUESTION - 1 (From Unit 1)	10
2	QUESTION - 2 (From Unit 2) (OR) QUESTION - 2 (From Unit 2)	10
3	QUESTION - 3 (From Unit 3) (OR) QUESTION - 3 (From Unit 3)	10
4	QUESTION - 4 (From Unit 4) (OR) QUESTION - 4 (From Unit 4)	10
5	QUESTION - 5 (From Unit 5) (OR) QUESTION - 5 (From Unit 5)	10
Total Marks		50

Credit:

- 1 lecture = 1 hour = 1 credit and 2 practical = 2 hours = 1 credit
- Total 45 hours of theory teaching work per semester and additional 30 hours of practical per semester.
- Theory 3 Hours/week = 3 credits and additional practical 2 hours/week = 1 credits.
- Total credit is 4.

Examination:

- Theory Examination - Total marks 75 (50 marks of university examination and 25 marks of internal).
- University examination: 2 Hours
- Practical Examination - Total Marks 25 (No Internal Marks)
- University Examination: 2 Hours





Passing Standard:

- Student must obtain minimum 40% marks in theory and practical both
- Theory: Minimum 40% (minimum 20 marks in University examination and minimum 10 marks in internal)
- Practical: Minimum 40% (Minimum 10 marks in University examination)

